IN THE SPECIFICATION:

Please replace the paragraph starting on page 14, line 19, to page 15, line 3, with the following rewritten paragraph:

(C)   Model Checker

Logical model checking can be performed using the SPIN model checker. SPIN verification models can define the behavior of systems of asynchronous processes that interact by synchronous or asynchronous message passing, or by shared access to global data. SPIN converts the input specification into a product of automata. The global behavior defined by this product can be checked efficiently for a wide range of correctness properties using an automata theoretic model checking procedure. More information on the automata-theoretic approach to formal verification can be found in: Gerard J. Holzmann, *'The model checker Spin'*, IEEE Trans. On Software Engineering, Vol. 23, No. 5, May 1997, pp. 279-295, and in: Vardi and Wolper, *An Automata-theoretic Approach to Automatic Program Verification*, Proc. Symp. on Logic in Computer Science, pp. 332-344, Cambridge, June 1986.

REMARKS

Attached hereto is a marked-up version of the changes made to the specification by the current amendment. The attached page is captioned **"Version with markings to show changes made."**